



\* If this dimension is not shown on Contract Drawing it shall be established for the largest value necessary on a support to the nearest higher inch, and the same dimension used for every pad on that support.

PLAN  
Scale: 1" = 1'-0"

For concrete surface preparation see 420.03.07(c).

For anchor bolt dimensions and locations see bearing details.

6" x 6" chamfer for all exterior bearing pads unless otherwise noted on plans.

Top of bearing pad.

Dashed lines indicate 2" x 2" chamfer for all interior bearing pads.

Top of pier cap.

May be a roughened construction joint for pads with reinforcing.  
May be poured monolithically for pads up to 12" height.

5" min. interior brg. pad  
8" min. exterior brg. pad

ELEVATION

Scale: 1" = 1'-0"

Slanted lettering indicates notes  
"For Office Use Only".

Notes:

1. Anchor bolts shall be set in round holes drilled or cored into the masonry.
2. The drilled or cored holes shall have a diameter of at least 1" larger than the diameter of the bolts.
3. Holes shall be filled with nonshrink grout in accordance with 902.11(c) T-160.
4. For size of pad see pertinent substructure sheets, if not available see note in plan above.

5. Space reinforcing steel to clear anchor bolts.
6. If it is necessary to increase the pier cap width beyond what is required for design in order to provide the 6" x 6" chamfer, then the chamfer at the exterior pad will be the maximum which can be provided using the pier cap width required for design.

APPROVAL	
<i>L. S. Fisher</i> DIRECTOR	OFFICE OF BRIDGE DEVEL.
DATE: 6/14/85	
REVISIONS	
SHA	FHWA
5-18-93	.
1-4-94	.
FHWA APPROVAL	1-22-01
DATE: 6-8-90	7-26-06

STATE OF MARYLAND  
DEPARTMENT OF TRANSPORTATION  
STATE HIGHWAY ADMINISTRATION  
OFFICE OF BRIDGE DEVELOPMENT

BEARING PAD (FOR SPECIAL PIERS) WHERE ONLY  
A SINGLE SHOE IS REQUIRED ON SUPPORT

STANDARD NO. BR-SB(6.09)-85-175

SHEET 1 OF 2

SUBSTRUCTURE PIER